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Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

Date Submitted: July 7, 2004

(use as many sheets as necessary)

**Complete if Known**

Application Number	10/812,119
Filing Date	03/29/2004
First Named Inventor	Daniel J. Lipscomb
Group Art Unit	3679
Examiner Name	To be determined
Attorney Docket Number	048679-0161

Sheet 1 of 2

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
HL	A1	2003/0038478		Humphreys	02/27/2003	
	A2	6,485,064		Davidson	11/26/2002	
	A3	6,227,579		Humphreys	05/08/2001	
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Examiner  
SignatureDate  
Considered

12-1-05

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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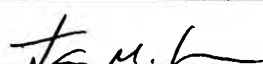
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Substitute for form 1449B/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application Number	10/812,119
				Filing Date	03/29/2004
Date Submitted: July 7, 2004				First Named Inventor	Daniel J. Lipscomb
				Group Art Unit	3679
(use as many sheets as necessary)				Examiner Name	To be determined
				Attorney Docket Number	048679-0161
Sheet	2	of	2		

U.S. PATENT DOCUMENTS					
		U.S. Patent Document			
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	A41	1,157,715		Osborne	10/26/1915
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	A45	994,815		Booth	06/13/1911
	A46	793,209		Miller	06/20/1905
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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>


Examiner Signature		Date Considered	12-1-05
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	Date Submitted: August 17, 2004		<b>Filing Date</b>	03/29/2004
	(uses many sheets as necessary)		<b>First Named Inventor</b>	Daniel J. Lipscomb
	1 of 1		<b>Group Art Unit</b>	3679
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JA	A1	5,890,748		Phillips et al.	04-07-1999	
	A2	5,549,432		Reneau	08-27-1996	
	A3	5,314,210		Calmettes et al.	05-24-1994	
	A4	3,017,203		MacLeod	01-16-1962	
	A5	2,825,588		Howard	03-04-1958	


## FOREIGN PATENT DOCUMENTS

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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
JA	A6	DE	42 16 168	C1	Ramspott	20-14-1993		
	A7	EP	0 310 234	A2	Bridgestone Flowtech Corporation	04-05-1989		

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>
JA	A8	European Search Report; Application No. EP 04 00 8477; date of completion of search June 24, 2004	

001.1684017.1

Examiner Signature		Date Considered	12-1-05
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JH	A1	5,367,925		Gasparre	11-29-1994	

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Examiner Signature	<i>J. M. L.</i>	Date Considered	12-1-05
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